YAMAHA

RX-Z7

7.1-Channel Digital Home Theater Receiver

$2699.95

Expanding on the highly acclaimed Z-Series, Yamaha introduces another benchmark: the RX-Z7, a 7.1-channel Network AV Receiver. The RX-Z7 receiver provides an enormous range of exciting multimedia features, extensive custom installation capabilities, video adjustment features and cutting edge technologies. The RX-Z7 performance provides great enjoyment for the home theater experience.

Technology QuickView

This product includes these technologies

Bluetooth · Made for iPod · DOLBY TRUEHD · DOLBY DIGITAL PLUS · dts-HD Master Audio · (XM) READY · XMHD · neural surround · SIRIUS READY · SIRIUS INTERNET RADIO · HD Radio · SRS Circle Surround II · HDMI · VRS by Anchor Bay · 8CH EXT. INPUT · CINEMA DSP DIGITAL · DIGITAL ToP ART · SILENT CINEMA · Network Receiver · Rhapsody · dlna CERTIFIED · compressed music ENHANCER · YPAO · CERTIFIED FOR Windows Vista

Bluetooth

The Bluetooth® logo indicates that the product is equipped to use the optional YBA-10 Bluetooth® Wireless Audio Receiver that lets you connect the dock to the receiver and supports A2DP audio streaming. With the optional YBA-10 Bluetooth dock, you can enjoy music wirelessly from Bluetooth enabled mobile phones, portable devices, or personal computers.

(view the Specifications of each product for Bluetooth® dock compatibility)

Made for iPod (Docking Station)

The Made for iPod logo indicates that the product is equipped to use an optional Yamaha Universal iPod Dock that lets you connect your iPod to this product. With the optional dock you can listen to your music and operate the iPod via the product's remote control while at the same time charging the battery on your iPod. Depending on your product's

specifications, some will allow you to use the On-Screen Display feature on your video monitor to navigate your music. Some products can even allow you to view your photos and movies from your iPod on your video monitor (view the Specifications of each product for iPod playback compatibility)...

Dolby TRUE HD

Dolby® TrueHD is Dolby's next-generation lossless technology developed for high-definition disc-based media. Dolby TrueHD delivers tantalizing sound that is bit-for-bit identical to the studio master, unlocking the true high-definition entertainment experience on next-generation discs. When coupled with high-definition video, Dolby TrueHD offers an unprecedented home theater experience that lets you enjoy sound as stunning as the high-definition picture.

Dolby Digital Plus

Dolby Digital Plus: Dolby® Digital Plus is the next-generation audio technology for all high-definition programming and media. It combines the efficiency to meet future broadcast demands with the power and flexibility to realize the full audio potential of the upcoming high-definition experience. Built on Dolby Digital, the multichannel audio standard for DVD and HD broadcasts worldwide, Dolby Digital Plus was designed for the delivery formats of the future, but remains fully compatible with all current A/V receivers. With Dolby Digital Plus, you get even higher-quality audio, more channels, and greater flexibility. Amaze your ears.

DTS HD Master Audio

DTS HD-Master Audio: DTS-HD Audio delivers sound quality that matches the clear and vivid images of high-definition video. Blu-ray and HD-DVD discs deliver five times the video resolution of standard DVD and produce images with stunning realism. But that's only half of the story. You need incredible sound to complete the high definition experience and DTS-HD Audio provides the highest quality multi-channel sound possible. Movies come alive with sound as lifelike as the picture, and music becomes as real as a live performance.

XM - XM Ready

A product with this feature indicates that the item is XM SATELLiTE RADiO (XM Ready), allowing you to hear over 150 digital channels of music, news, sports, talk and entertainment from America's number one Satellite Radio service. With the addition of the optional digital antenna XM Mini-Tuner Home Dock and the XM Mini-Tuner accessories sold separately, just subscribe to XM SATELLiTE RADiO and hear radio as it was meant to be!

XM Mini-Tuner Home Kit Bundle
Add the enjoyment XM Radio to your XM-Ready Yamaha A/V products with this XM Mini-Tuner Bundle.
You get the Mini-Tuner Home Dock and the XM Mini -Tuner so you are all set to go XM.
BUY NOW
(Note: XM subscription required to receive XM Radio)

XM HD Surround Sound

XM and Neural Audio Corporation announce XM HD Surround, which provides content with six discrete channels of digital full fidelity audio powered by Neural Audio technology. Marking the first time that a radio company has broadcast in 5.1 Surround Sound twenty-four hours a day. Beginning in April 2006, XM will broadcast the Fine Tuning® (XM Channel 76) and the classical pops music channel XM Pops (XM Channel 113) in XM HD Surround. XM will also broadcast a variety of special shows and live music performances at the XM studios in XM HD Surround.

Neural Surround THX Technologies

Neural-THX® Surround makes surround music, radio listening and games more accessible and enjoyable. Neural-THX

Surround's unique encoding process provides the rich envelopment and discrete image detail of surround sound in a format 100% compatible with stereo for use in CD's, Radios, portable digital music players and digital music downloads. With superior spectral resolution and channel separation, Neural-THX Surround draws the brain's attention to the sonic details in musical instruments, vocals and ambience that are typically masked by other playback systems. This allows the listener to fully experience the richness and subtleties in recorded performance as never before.

Sirius-Ready

A Sirius-Ready audio system lets you access your favorite SIRIUS Satellite Radio entertainment, including 100% commercial-free music, plus sports, uncensored talk, comedy, exclusive entertainment, world-class news and more, directly through your audio system with the use of an optional SIRIUS ConnectT Home Tuner kit. This product has a simple connector that allows you to plug the SIRIUS ConnectT kit and use the controls of this system to access all the content you want. Subscription and SIRIUS ConnectT Home Tuner (SC-H1) are required and sold separately.

Sirius Internet Radio

SIRIUS Internet Radio is the Internet version of the SIRIUS radio service, available without the use of a radio to current SIRIUS subscribers, or with a monthly subscription fee. SIRIUS Internet Radio delivers more than 80 channels of talk, entertainment, sports and 100% commercial free music in CD-quality sound.

HD Radio

HD Radio, the only digital broadcast system in America approved by the FCC, offers you crystal-clear, CD-quality sound via existing AM/FM radio bands. In addition, it gives you program-associated data and the ability to tune to multiple programs at the same dial position. Over 2,500 radio stations are in the fast lane upgrading to HD Radio broadcasting to reach 95% of America's population, and more than 230 stations are onair now.

SRS Circle Surround II

Circle Surround II is an advanced surround sound decoder that enables up to 6 channels of surround sound from surround encoded (Lt/Rt) and Circle Surround encoded material and is backward compatible with mono, stereo and most matrix decoders.

HDMI

High Definition Multimedia Interface (HDMI) is the first and only digital interface to combine uncompressed high-definition video, multi-channel audio and intelligent format and command data in a single digital interface. HDMI switching, providing the most advanced method of delivering high quality video signals to a home theater system to enable the reproduction of DVD and satellite TV sources with HD quality. HDMI can also send the digital audio signals from sources such as DVD Audio, CD, Dolby Digital and DTS to provide simple components connections.

VRS Technology

Anchor Bay Technologies designs and manufactures advanced digital semiconductor and system-level solutions for next-generation digital television and high-definition digital video products. The company's proprietary Video Reference Series™ (VRS™) technologies allow Anchor Bay to offer a wide range of advanced video processing solutions that greatly improve image quality on large-screen HDTV home theater systems and other video displays.

8 Ch Ext Input

8 additional input jacks for discrete multi-channel input. Front (Left, Center, Right), Rear (Surround Left & Right, Surround Back Left & Right) and Subwoofer

CINEMA DSP Digital

Conventional multichannel audio reproduction systems base their sound on Dolby Digital and DTS decoding, using matrix and steering technologies to create surround sound effects. Yamaha CINEMA DSP is much more advanced, actually creating richly realized independent sound fields that envelop you in an unmatched surround sound experience. With dialogue, music and effects from ideally located in these separate sound fields, you will hear sound with accurate placement, smooth movement, exceptional clarity and richness, and startlingly realistic presence. It will seem as if the walls of your room have disappeared and you are in the middle of your own immense theater! The decoding circuitry performs Dolby Pro Logic IIx, Dolby Digital, Dolby Digital EX, DTS Digital Surround, DTS-ES (DTS-ES Matrix 6.1 and DTS-ES Discrete 6.1), DTS Neo:6 and DTS 96/24 decoding with extreme accuracy, as well as all digital sound field processing.

Digital ToP-ART

Digital ToP-ART (Total Purity Audio Reproduction Technology) is the name Yamaha has given to a design philosophy whose goal is to maximize digital quality while minimizing analog circuitry. The culmination of Yamaha's long experience in digital engineering and design, it brings together several key elements to create the best-sounding, A/V components available on the market.

SILENT CINEMA and Virtual CINEMA DSP

SILENT CINEMA makes it possible to hear large-scale surround sound through ordinary headphones! This is a variation of CINEMA DSP technology that Yamaha developed to let you listen in private to movies and other multi-channel sources for hours without listening fatigue. Virtual CINEMA DSP lets you enjoy the effects of CINEMA DSP surround sound without using surround speakers (handy for use in custom installations where some rooms don't have surround speakers). It can be used with the front / center / presence speakers or even with just the two front left and right speakers.

Network Receiver

Using a local area network (LAN) connection and Windows Media Connect technology ver.2 or better, Yamaha Network enabled receivers allow you to play MP3, WMA and WAV music from up to fifteen (15) PC's. The receiver can even be used as a client for Yamaha's MusicCAST home music server, seamlessly integrating with the MCX-2000 digital audio server within your LAN. The Network Receiver also provides the ability to listen to any of the thousands of stations available on Internet radio when connected to a broadband Internet connection. By using the included MP3 vTuner data service that is enabled, looking for content on the Internet couldn't be easier, from your favorite Rock, Pop, or R&B to Podcasts that cater to your music interests. With a USB terminal on the front panel you now have a convenient way to play music from USB flash drives and portable USB music players. Yamaha Network Receivers get you connected to the vast music content available anywhere on your LAN and on the web.

Rhapsody Technology

Rhapsody is a digital music service that lets you listen to whatever you want, wherever you are — without paying per

track. And Rhapsody membership plans start at less than the cost of a CD a month, so you can listen to as much music as you want without limits.

DLNA Technology

DLNA certification ensures a device has been tested and proven compatible with various CE, PC and mobile devices designed according to the DLNA Interoperability Guidelines. Products certified by DLNA will bear a logo that will give consumers peace of mind that the device they are purchasing has undergone rigorous testing and conforms to the Interoperability Guidelines.

Compressed Music Enhancer

Yamaha employs sophisticated digital signal processing with exclusive algorithms to enable playback that improves the performance of compressed music formats, including MP3 and WMA. With the Compressed Music Enhancer, highs and especially lows are richer and smoother, bringing music back to life to be as close to the original as possible.

YPAO Automatic System Calibration

Yamaha's YPAO system uses a small microphone and sophisticated equalization to automatically set the best sound for any room, no matter where the speakers are. First it checks the speaker connections and phase of each speaker. Then it sends out tones which are captured by the microphone to analyze the room acoustics and sets a variety of parameters, such as the speaker size, the distance of the speakers and even the sound pressure level, etc. Until it achieves the best sound conditions for your room and you don't have to do anything!
RX-V2500 and newer models have an improved system that is faster (less than three minutes), also adjusts frequency response, and provides three programed EQ patterns, plus the ability to manually adjust parametric EQ settings. Six YPAO settings can be held in memory and recalled via two system memory buttons on the remote control.

Windows Vista Certified

Products with these logos take advantage of features in Windows Vista to deliver excellent performance, ease of use, and the best experience possible, whether you are enjoying music, photos, and videos, or communicating with friends.

RX-Z7 7.1-CHANNEL NETWORK AV RECEIVER

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High Sound Quality

- 7-channel 980W powerful surround sound (140W x 7)
- Decoders for HD Audio format: Dolby TrueHD and DTS-HD Master Audio (192kHz); Dolby Digital Plus and DTS-HD High Resolution Audio
- Digital ToP-ART and High Current Amplification
- Stable chassis design with cross-shaped frames and double-box construction
- Pure Direct for HD audio and video enjoyment

Superb Convenience

- Advanced YPAO with multiple point measurement for automatic speaker setup
- System Memory — 6 combinations for Main and 4 for other Zone 2, 3 and 4
- GUI superimpose on-screen display with 6 language (English, French, German, Spanish, Russian and Japanese)
- Album Art display on GUI
- iPod content browsing on front panel display

- Burr-Brown 192kHz/24-bit DACs in all channels
- Digital System Clock Isolator and Ultra Low Jitter PLL circuitry for HDMI and any digital sources
- Intelligent Assignable Amplifiers for bi-amp or Front Presence connection

High Picture Quality

- Analog and HDMI video upscaling to full HD 1080p and down-scaling to 480p
- 1080p-compatible HDMI 5 inputs (1 on front) and 2 outputs (simultaneous)
- Supports Deep Color (30/36 bit), x.v.Color, 120Hz/24Hz Refresh Rates and Auto
- Lip-Sync compensation
- PReP™ (Progressive ReProcessing) with 2:2/2:3 Pull-Down Detection, Motion Adaptive Deinterlacing
- Versatile video adjustment functions with 6 preset memories for different sources. Video adjustments are Mosquito Noise Reduction, Block Noise Reduction, Detail Enhancement, Edge Enhancement, and Brightness/Contrast/Saturation control
- Anchor Bay VRS™ video processing technologies

Extensive Compatibility

- Network Receiver capabilities
- Connecting Internet Radio (MP3/WMA), Streaming Service (Rhapsody®/SIRIUS*), music files on PC (WAV, MP3, WMA, AAC) and Yamaha MusicCAST via LAN
- SIRIUS Internet Radio Coming March 2009 via online firmware update.
- Windows Vista and DLNA network device support
- USB port for portable audio players and flash drives (MTP/MSC)
- HD Radio™ with iTunes tagging
- XM ready with XM HD Surround powered by Neural Surround
- SIRIUS Satellite Radio ready
- iPod compatibility via optional YDS-11 Universal Dock
- Bluetooth (A2DP) compatibility with optional Yamaha Bluetooth® Wireless Audio Receiver YBA-10
- Web Browser Control: You can control the RX-Z7 via a PC or PDA web browser over a home network

Surround Realism

- CINEMA DSP 3D processing (22 programs) with Adaptive DSP Level
- Adaptive DRC (Dynamic Range Control) now enhanced with input source level compensation and YPAO speaker setup data
- Dialogue Lift
- Compressed Music Enhancer

Versatile Zone Control

- Supporting up to Zone 4
- Assignable Amplifiers for multi-zone control (Zone 2 and Zone 3)
- Preamplifier Mode
- Assignable Zone component video for Zone 2 to 4
- Zone 2 video output with OSD capability
- Zone 4 optical digital audio output
- Zone Mono (Zone 2 and Zone 3)
- Sleep timer for all zones
- RS-232C interface
- Remote input/output and programmable Dual +12V trigger outputs